

Amendments to the Specification

Please replace the paragraph beginning at page 16, line 5, with the following rewritten paragraph:

In a particularly preferred embodiment, the spring 28 is a spring assembly comprising two springs, an inner spring as described above, and an outer spring 39 ~~(not shown)~~ which has a free length of about .335 in., a spring constant of about 7.3 lbs./in, a solid length of about 0.104 in., and a load at solid length of about 2.3 lbs. This second or outer spring 39 is constructed and arranged to come under no load until the nitinol wire is shortened to approximately half of its 0.080 in. travel length. Application of additional stress at the point of 50% travel distance of the nitinol expands the range of austenite/martensite transition and improves linearity of the temperature response. By utilizing the second spring configuration, tuning of the device is more easily accomplished, since the second spring 39 mediates optimization of both the austenite/martensite transition region and linearity of the temperature response.